

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) Method of working up liquid substances, characterized in that the liquid substance to be worked-up is mixed continuously with a washing liquid in one or more microreactors and/or micromixers.

2. (Original) Method according to Claim 1, characterized in that the internal channel diameter of the microreactor and/or micromixer is at least 50  $\mu\text{m}$ .

3. (Currently Amended) Method according to Claim 1 ~~or 2~~, characterized in that the internal channel diameter of the micromixer and/or microreactor and/or micromixer is at least 100  $\mu\text{m}$ .

4. (Currently Amended) Method according to ~~one or more of Claims 1 to 3~~ Claim 1, characterized in that the internal channel diameter of the microreactor and/or micromixer is not more than 3000  $\mu\text{m}$ .

5. (Currently Amended) Method according to ~~one or more of claims 1 to 4~~ Claim 1, characterized in that the internal channel diameter of the microreactor and/or micromixer is not more than 1000  $\mu\text{m}$ .

6. (Currently Amended) Method according to ~~one or more of Claims 1 to 5~~ Claim 1, characterized in that the flow of the liquids in the microreactor and/or micromixer is laminar.

7. (Currently Amended) Method according to ~~one or more of Claims 1 to 6~~ Claim 1, characterized in that the flow of the liquids in the microreactor

and/or micromixer has a Reynolds number of  $< 1000$ .

8. (Currently Amended) Method according to ~~one or more of Claims 1 to 7~~ Claim 1, characterized in that the microreactor and/or micromixer contains microstructured passive mixing structures.

9. (Currently Amended) Method according to ~~one or more of Claims 1 to 8~~ Claim 1, characterized in that the microreactor and/or micromixer contains glass or silicon as material.

10. (Currently Amended) Method according to ~~one or more of Claims 1 to 9~~ Claim 1, characterized in that the microreactor and/or micromixer contains metal, ceramic or enamel as material.

11. (Currently Amended) Method according to ~~one or more of Claims 1 to 10~~ Claim 1, characterized in that the mixture that leaves the microreactor and/or micromixer and that is composed of liquid (valuable) substance and washing liquid flows into a vessel having an upper and a lower drain so that the already separated liquid phases can be drawn off.

12. (Currently Amended) Method according to ~~one or more of Claims 1 to 10~~ Claim 1, characterized in that, in addition to an upper and a lower drain, the vessel also has one or more additional drains via which further liquid phases can be drawn off.

13. (Currently Amended) Method according to ~~one or more of Claims 1 to 12~~ Claim 1, characterized in that the washing and separating operation is repeated by connecting a plurality of microreactors and/or micromixers downstream of one another in series and/or is varied by adding other washing liquids in each one.

14. (Currently Amended) Method according to ~~one or more of Claims 1 to 13~~ Claim 1 for working up liquid nitrate esters.

15. (Currently Amended) Method according to ~~one or more of Claims 1 to 13~~ Claim 1 for working up nitroglycerol.